Title (en)

METHOD AND USER EQUIPMENT FOR COMPACTING HARQ FEEDBACK

Title (de)

VERFAHREN UND BENUTZERVORRICHTUNG ZUR VERDICHTUNG VON HARQ-FEEDBACK

Title (fr)

PROCÉDÉ ET ÉQUIPEMENT D'UTILISATEUR POUR UN COMPACTAGE DE RÉTROACTION HARQ

Publication

EP 4135241 A1 20230215 (EN)

Application

EP 22199551 A 20160118

Priority

- CN 2015076317 W 20150410
- EP 16776009 A 20160118
- CN 2016071183 W 20160118

Abstract (en)

The present disclosure provides a method for operating in a User Equipment (UE) for compacting HARQ feedback transmission in uplink in a wireless communication system. The method comprises: receiving, from a radio network node, an assisting information indicating arrangement of scheduled downlink transmissions; determining, based on the assisting information, number and order of the HARQ feedback bits; and transmitting, to the radio network node, the HARQ feedback in a compacted manner of reduced padding bits based on the number and order of the HARQ feedback bits.

IPC 8 full level

H04L 1/18 (2006.01)

CPC (source: CN EP KR US)

H04L 1/0002 (2013.01 - KR); **H04L 1/0006** (2013.01 - KR US); **H04L 1/0073** (2013.01 - KR); **H04L 1/1664** (2013.01 - EP KR US); **H04L 1/18** (2013.01 - CN); **H04L 1/1864** (2013.01 - EP KR US); **H04L 1/1887** (2013.01 - KR US); **H04W 24/10** (2013.01 - KR US); **H04W 28/0231** (2013.01 - CN); **H04W 28/04** (2013.01 - CN); **H04W 72/52** (2023.01 - KR US); **H04W 88/02** (2013.01 - CN); H04L 1/0002 (2013.01 - EP US); H04L 1/0073 (2013.01 - EP US)

Citation (search report)

- [X] US 2012039279 A1 20120216 - CHEN WANSHI [US], et al
- [X] WO 2012064935 A1 20120518 - QUALCOMM INC [US], et al
- [X] US 2013170407 A1 20130704 - LIANG CHUNLI [CN], et al
- [X] EP 2378828 A1 20111019 - SAMSUNG ELECTRONICS CO LTD [KR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2016161833 A1 20161013; AR 104779 A1 20170816; BR 112017021839 A2 20180710; CA 2982198 A1 20161013; CA 2982198 C 20201103; CL 2017002525 A1 20180216; CN 107534527 A 20180102; CN 107534527 B 20200724; CN 111818569 A 20201023; CN 111818569 B 20240416; EP 3281332 A1 20180214; EP 3281332 A4 20181107; EP 3281332 B1 20221005; EP 4135241 A1 20230215; HK 1246529 A1 20180907; JP 2018516485 A 20180621; JP 2019180095 A 20191017; JP 6764978 B2 20201007; JP 6793660 B2 20201202; KR 102051506 B1 20191203; KR 20170124577 A 20171110; MX 2017012585 A 20180109; MX 367996 B 20190913; MY 188752 A 20211228; RU 2679245 C1 20190206; US 10778381 B2 20200915; US 2017117991 A1 20170427; ZA 201706261 B 20190130

DOCDB simple family (application)

CN 2016071183 W 20160118; AR P160100964 A 20160408; BR 112017021839 A 20160118; CA 2982198 A 20160118; CL 2017002525 A 20171006; CN 201680021135 A 20160118; CN 202010677515 A 20160118; EP 16776009 A 20160118; EP 22199551 A 20160118; HK 18105785 A 20180504; JP 2017552988 A 20160118; JP 2019113904 A 20190619; KR 20177027726 A 20160118; MX 2017012585 A 20160118; MY PI2017703786 A 20160118; RU 2017134492 A 20160118; US 201614907518 A 20160118; ZA 201706261 A 20170914